

Session #49 802.16 Relay TG Session Agenda

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Venue:

IEEE 802.16 Session #49, Portland, OR, USA

Base Document:

None

Purpose:

TG Meeting organization

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Session #49 802.16 Relay TG Session Agenda

7th Task Group Meeting on Multi-hop Relay in IEEE 802.16

Relay TG Chair Mitsuo Nohara

Vice Chair Peiyong Zhu

Technical Editor/Secretary Jung Je Son

Technical Editor Mike Hart

**IEEE802.16 Relay TG Meeting
07-10 May, 2007, Portland, OR, USA**

Remarks: Ad-hoc Groups

- **After the last March session, eight Ad-hoc Groups organized and worked to review comments deferred and newly submitted:**
 - **1. Frame Structure** **Chairs: Mike Hart and Dorin Viorel**
 - **2. Security** **Chair: Robert Sun**
 - **3. Mobility Management Sleep/Idle Mode**
 Chair: David Comstock and Yuefeng Zhou
 - **4. HARQ** **Chair: Wen Tong and Young Bin**
 - **5. Routing and Path Management**
 Chair: G-Q Wang and John Li
 - **6. MAC PDU Construction** **Chair: Jeffrey Tao**
 - **7. Measurement & Reporting**
 Chair: I-Kang Fu and Wei Peng Chen
 - **8. Other MAC/Other PHY** **Chair: Peiying Zhu and Mike Hart**
- **Appreciate ad-hoc chairs and participants for their effort to cover the comments and provide their recommendations.**

Objectives of this 7th TG Meeting

- **To advance the development of the P802.16j Baseline Document (IEEE 802.16j-06/026r3)**
 - **Through the Comment resolutions (IEEE 802.16j-07/008r4 and 014r3,)**
 - **Referring to ad-hoc group reports and recommendations,**
 - **Considering the five Guideline Documents of:**
 - **Usage Models (IEEE 802.16j-06/015),**
 - **Definitions and Terminology (IEEE 802.16j-06/014r1),**
 - **Evaluation Methodology (IEEE 802.16j-06/013r3),**
 - **Technical Requirements (IEEE 802.16j-06/016r1) and**
 - **Table of Contents (IEEE 802.16j-06/017r2), and**
 - **Towards Initial Draft for WG Letter Ballot.**

Agenda

- Session #48 802.16 Relay TG Minutes Review ([IEEE 802.16-07/012](#))
- Meeting Organization
- Ad-hoc Group Reports
- Comment Resolutions
 - * in reply to the call for Comments and Contributions ([IEEE 802.16-07/008r4 and 014r3](#)) on:
 - P802.16j Baseline Document ([IEEE802.16j-06/026r2 and r3](#))
 - * considering the five guideline documents of:
 - Usage Models (IEEE 802.16j-06/015),
 - Definitions and Terminology (IEEE 802.16j-06/014r1),
 - Evaluation Methodology (IEEE 802.16j-06/013r3),
 - Technical Requirements (IEEE 802.16j-06/016r1) and
 - Table of Contents (IEEE 802.16j-06/017r2).
- Text Proposals for the Baseline Document
- Schedule towards the initial draft and WG letter ballot
- AOB
 - *For IEEE SA Patent Policy, see: <http://standards.ieee.org/board/pat/pat-slideset.ppt>

Motions

- To approve the Agenda 1st : 2nd: time: result
- To approve the minutes 07/012 1st; 2nd; time: result

Agenda by Calendar

- **Mon PM**
 - Opening, agenda&minutes review (Nohara-san)
 - Summary of inputs to meeting (Mike, 2mins)
 - Process for expediting resolution of editorial comments (Mike, 5mins)
 - Adhoc reports (Adhoc Chairs, 10mins each)
 - (AH-1) Frame structure, (AH-2) Security, (AH-7) Measurement & Rpt, (AH-4) HARQ, (AH-5) R&PM, (AH-3) MOB, (AH-8) Others, (AH-6) MPDU construction.
 - Including consideration of recommendations
- **Tue AM, PM and Evening**
 - Resolution of comments returned to TG from adhoc in database 008*
 - Organised on a category basis: (AH-1) Frame structure, (AH-2) Security, (AH-7) Measurement & Rpt, (AH-4) HARQ, (AH-5) R&PM, (AH-3) MOB, (AH-8) Others, (AH-6) MPDU construction.
 - Resolution of comments deferred straight to #49 in database 008
 - Contributions: 07/041, 07/071, 07/072, 07/148, 07182, 07/246, 07/247
 - Review of comment classification in database 014*
 - Resolution of technical comments in database 014
- **Wed AM**
 - Resolution of editorial comments
 - Batch resolution of comments with no issues
 - Resolution of other comments
- **Wed PM & Thu AM/PM**
 - Resolution of technical comments in database 014
 - Closing (Thu PM)

* Latest version: 008r4 and 014r3

Inputs (Contributions)

Category	Count for #49	Deferred to #49	Count for #48	Count for #47	Count for #46	Change
Relay concepts	0	0	0	4	8	0
Security	8	6	6	5	0	2
Frame structure	22	8	25	36	32	-3
Network entry	8	0	11	30	33	-3
Bandwidth request	5	1	8	11	8	-3
Construction & transmission of MAC PDUs	10	7	7	5	6	3
Measurement & reporting	8	5	6	9	7	2
Mobility management	18	12	39	41	23	-21
Routing, path, connection & service flow management	19	15	18	11	10	1
RRM, scheduling & interference control	0	4	4	3	5	-4
PHY	0	0	5	12	12	-5
HARQ	14	10	10	0	0	4
MAC	0	0	4	0	0	-4
Other PHY/MAC	14	9	0	0	0	14
Evaluation methodology	0	0	0	2	4	0
Adhoc report	3	-	0	-	-	3
Minutes	21	-	0	-	-	21

Incoming contributions	150	77	143	169	149	7
Technical/Editorial	126					
Rejected (before the meeting)			3	1	4	

Comments

- **Two active databases**
 - 008: deferred comments from #48
 - 014: new comments into adhocs & TG
 - Including consideration of recommendations

008(r4)

- 86 open comments, all technical
- 71 deferred to adhocs

014(r3)

- 288 comments received (and 593 reply comments)
- 24 deferred to adhocs
- 8 withdrawn
- **Classification:**
 - 14 empty comments
 - 118 editorial
 - 151 technical
 - 2 general
 - 3 with no type

Comments

- To expedite the resolution of editorial comments in 014, we will follow this process:
 - Editor has identified “editorial comments” where there are reply comments and all reply comments propose “accepted” (see **C802.16j-07/349r1**, “**List of editorial comments in C802.16j-07/014r2 identified for batch approval.**”)
 - Group to review these comments in background and check if any objections to these identified comments
 - Tuesday: group will first quickly review 014 to identify if any comment types are wrong (mainly for editorial that should be technical) and also classify “general” & blank type fields
 - Wed AM will start editorial comment resolution
 - Will first start with batch resolution of the identified editorial comments: if no objections all comments will be accepted in 1 go (63 of 188 identified)
 - Will then continue resolving remaining comments (55 of 188)

Tentative Schedule (as of 15 Mar., 2007)

Year	Month	802.16 session	Actions
Target: WG Motion/Approval in May session to proceed to WG Letter Ballot on Initial Draft, to be formed as revised baseline document with comment resolutions.			
2006/200 7	Mar. 2007	#48 Interim	6 th TG meeting
	Call for Comments		
	May 2007	#49 Interim	7 th TG meeting, Comment resolutions Preparation for the 1 st WG Letter Ballot
	Drafting standard, 1 st WG Letter Ballot		
	Jul. 2007	#50 Plenary	2 nd WG letter ballot
2007/200 8	Sept. 2007	#51 Interim	1st sponsor ballot
	Nov. 2007	#52 Plenary	Sponsor Recirculation
	Jan. 2008	#53 Interim	Submission to Rev. Com
	Mar. 2008	#54 Plenary	SA Approval

Motions expected to come at Relay TG Closing

- To authorize the Technical Editors to revise the baseline document (802.16j-06/026r3) to accommodate the comment resolutions in 802.16j-07/008r4 and 014r3, and issue the initial draft **p802.16j/D1**.

Motions expected to come at 802.16WG Closing

- To authorize the WG Chair to open initial WG Letter Ballot on **p802.16j/D1**, to close on 2 July, 2007 AOE.

Request to the comment/contribution authors

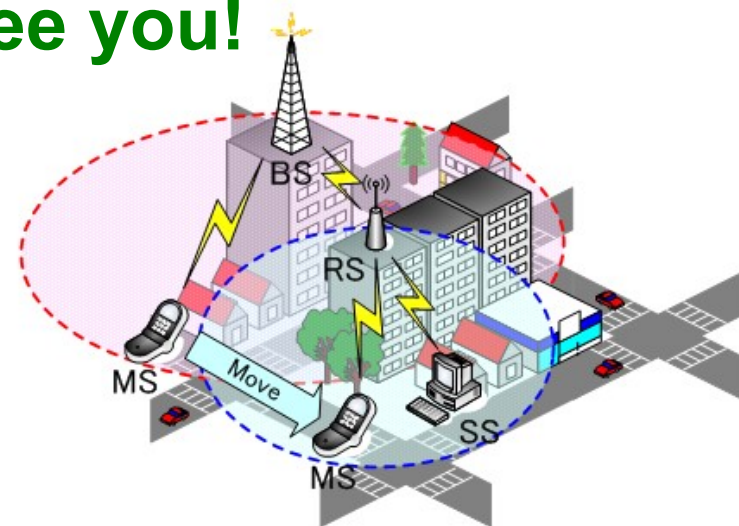
- For authors of comments/contributions accepted, please provide your original material in doc/ppt format (copy enabled) to the editors so that they can handle the material, especially Figs. and Tables easily.

Relay-TG Meeting Calendar This Week

16:00 - 19:00, Mon. 07 May @Pacific NW
08:00 - 22:00, Tue. 08 May @Holladay
08:00 - 18:00, Wed. 09 May @Holladay
08:00 - 18:00, Thu. 10 May @Holladay

**Doubletree Hotel
Portland, OR, USA**

Please Join and see you!



Adhoc Reports

(AH-1) Frame structure	07/348
(AH-2) Security	07/340r3
(AH-7) Measurement & Rpt	07/357
(AH-4) HARQ	07/359
(AH-5) R&PM	07/339
(AH-3) MOB	07/346
(AH-8) Others	07/347
(AH-6) MPDU construction	07/358
*each latest to be referred	

***Motions to come as follows:**

Motion: FS

“To accept the recommendations from the frame structure adhoc recorded in C802.16j-07/348 as resolutions for comments 83, 6, L134, 55, 46, 15 in database C802.16j-07/008r4 and comment 1263 in C802.16j-07/014r3.”

Moved by: Mike Hart

Seconded:

Motion: SEC

“To accept the recommendations from the Security adhoc recorded in C802.16j-07/340r2 as resolutions for comments xxx in database C802.16j-07/008r4 and comments xxx in database C802.16j-07/014r3.”

Moved by:

Seconded:

Motion: M&R

“To accept the recommendations from the Measurement & Reporting adhoc recorded in C802.16j-07/347 as resolutions for comments 25, 38, 87, 109, 115 and L135 in database C802.16j-07/008r4.”

Moved by:

Seconded:

Motion: HARQ

“To accept the recommendations from the HARQ adhoc recorded in C802.16j-07/359 as resolutions for comments 64 and 63 in database C802.16j-07/008r4.”

Moved by:

Seconded:

Motion: R&PM

“To accept the recommendations from the Routing & Path Management adhoc recorded in C802.16j-07/339 as resolutions for comments 40, 90, L128 and 59 in database C802.16j-07/008r4 and comment 1072 in C802.16j-07/014r3.”

Moved by:

Seconded:

Motion: MOB

“To accept the recommendations from the MOB adhoc recorded in C802.16j-07/357 as resolutions for comments LL149, 116 and 31 in database C802.16j-07/008r4.”

Moved by:

Seconded:

Motion: Other MAC/PHY

“To accept the recommendations from the other MAC/PHY adhoc recorded in C802.16j-07/358 as resolutions for comments L127, L140, LL150 & 1 in database C802.16j-07/008r4.”

Moved by:

Seconded:

Motion: MPDU

“To accept the recommendations from the MDPU adhoc recorded in S802.16j-07/346 as resolutions for comments 65, 3, 93 and 94 in database C802.16j-07/008r4 and comment 1259 in C802.16j-07/014r3.”

Moved by:

Seconded: